## **ABSTRACT**

A polymer affinity matrix for the binding of one or more substances in a fluid for removing said substance(s) from the fluid and/or decreasing the amount or concentration thereof in said fluid with a view to preventing, eliminating, or reducing undesired activation of components in said fluid is described, as well as a method for removing said substance(s) from the fluid and/or decreasing the amount or concentration thereof in said fluid, a method for the production of said matrix, use of said matrix and a kit comprising said matrix. The polymer affinity matrix comprises a solid support, a space and a ligand, containing arginine as a binding unit.